

09/752957
STN Search Summary

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FILE 'CAPLUS' ENTERED AT 15:04:31 ON 01 JUL 2003

L1 105 S BIOTIN (2W) SYNTHASE

L2 2 S L1 AND INTEGRAT?

L3 9 S L1 AND REVIEW/DT

L4 9 S L1 AND YEAST

L2 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS

AN 2003:435228 CAPLUS

TI Yeast with high biotin productivity and the preparation method thereof

IN Shiuan, David

SO U.S. Pat. Appl. Publ., 20 pp.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2003104584	A1	20030605	US 2001-752957	20010102
PRAI TW 2000-89120972	A	20001007		

L4 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2003 ACS

AN 2001:817227 CAPLUS

TI Cloning, sequences and recombinant expression of plant biotin synthases

IN Allen, Stephen M.; Kinney, Anthony J.; Miao, Guo-hua; Orozco, Emil M.

PA USA

SO U.S. Pat. Appl. Publ., 46 pp.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2001039042	A1	20011108	US 2000-740288	20001219
PRAI US 1999-172929P	P	19991221		

L4 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2003 ACS

AN 2001:320128 CAPLUS

TI Recombinant Escherichia coli and Saccharomyces cerevisiae expressing enzymes required for production of precursors (such as methylmalonyl CoA) needed for synthesis of polyketides

IN Santi, Daniel; Peck, Larry; Dayem, Linda; Kealey, James

PA Kosan Biosciences, Inc., USA

SO PCT Int. Appl., 97 pp.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001031035	A2	20010503	WO 2000-US29775	20001027
WO 2001031035	A3	20011122		
EP 1224300	A2	20020724	EP 2000-972384	20001027
JP 2003512073	T2	20030402	JP 2001-533170	20001027
US 2002142401	A1	20021003	US 2001-942407	20010829
PRAI US 1999-161703P	P	19991027		
US 1999-161414P	P	19991025		
US 2000-206082P	P	20000518		
US 2000-699136	A3	20001027		
WO 2000-US29775	W	20001027		

L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2003 ACS
AN 1997:751564 CAPLUS
TI Sequencing and functional annotation of the *Bacillus subtilis* genes in the 200 kb *rrnB-dnaB* region
AU Lapidus, Alla; Galleron, Nathalie; Sorokin, Alexei; Ehrlich, S. Dusko
SO Microbiology (Reading, United Kingdom) (1997), 143(11), 3431-3441

L4 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2003 ACS
AN 1996:596261 CAPLUS
TI Biotin synthase from *Arabidopsis thaliana*. cDNA isolation and characterization of gene expression
AU Patton, David A.; Johnson, Marie; Ward, Eric R.
SO Plant Physiology (1996), 112(1), 371-378

L4 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2003 ACS
AN 1996:224383 CAPLUS
TI Biotin synthesis in higher plants: Isolation of a cDNA encoding *Arabidopsis thaliana* *bioB*-gene product equivalent by functional complementation of a biotin auxotroph mutant *bioB105* of *Escherichia coli* K12
AU Baldet, Pierre; Ruffet, Marie-Line
SO Comptes Rendus de l'Academie des Sciences, Serie III: Sciences de la Vie (1996), 319(2), 99-106

L4 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2003 ACS
AN 1994:155454 CAPLUS
TI The gene for biotin synthase from *Saccharomyces cerevisiae*: cloning, sequencing, and complementation of *Escherichia coli* strains lacking biotin synthase
AU Zhang, Shuguang; Sanyal, Indrajit; Bulboaca, Gabriella H.; Rich, Alexander; Flint, Dennis H.
SO Archives of Biochemistry and Biophysics (1994), 309(1), 29-35

L4 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2003 ACS
AN 1993:513125 CAPLUS
TI Bioconversion of dethiobiotin to biotin by a cell-free system of a *bioYB* transformant of *Bacillus sphaericus*
AU Fujisawa, Ayumi; Abe, Takaharu; Ohsawa, Ikuro; Kamogawa, Kouichi; Izumi, Yoshikazu
SO FEMS Microbiology Letters (1993), 110(1), 1-4